

# 500kV backbone - Portfolio 3

## General Information

|   |   |
|---|---|
| Proposing entity name   | The redacted information is proprietary to the Company; therefore, it is privileged and confidential.   |
| Does the entity who is submitting this proposal intend to be the Designated Entity for this proposed project? | The redacted information is proprietary to the Company; therefore, it is privileged and confidential.   |
| Company proposal ID   | The redacted information is proprietary to the Company; therefore, it is privileged and confidential.   |
| PJM Proposal ID   | 616   |
| Project title   | 500kV backbone - Portfolio 3  |
| Project description   | The following projects make up this violation-free Portfolio: 1. 993595 - New 500kV Line - Heritage to Morrisville (PJM ID: 2025-W1-48) 2. 993610 - Line 560 Rebuild - Possum Point to Burches Hill (PJM ID: 2025-W1-916) 3. 993599 - Line 568 Partial Rebuild - Ladysmith to Kraken (PJM ID: 2025-W1-24) 4. 993622 - New 500kV Line - Finneywood to Cunningham (PJM ID: 2025-W1-825) 5. Planning 01 - New 765/500kV Switching Station - Vontay (PJM ID: 2025-W1-247) 6. Planning 02 - Line 576 Partial Rebuild - North Anna to Vontay (PJM ID: 2025-W1-339) 7. Planning 03 - Line 576 Partial Rebuild - Vontay to Midlothian (PJM ID: 2025-W1-9) 8. 993152 - Line 539 Rebuild - Bristers to Ox (PJM ID: 2025-W1-264) 9. 993592 - Line 567 Terminal Upgrade - Chickahominy to Surry (PJM ID: 2025-W1-126) 10. 993593 - New 500 kV Line Morrisville – Cunningham (PJM ID: 2025-W1-409) |
| Email   | The redacted information is proprietary to the Company; therefore, it is privileged and confidential.   |
| Project in-service date   | 06/2032   |
| Tie-line impact   | No  |
| Interregional project   | No  |
| Is the proposer offering a binding cap on capital costs?  | Yes   |
| Additional benefits   | The redacted information is proprietary to the Company; therefore, it is privileged and confidential.   |

## Project Components

1. 993595 - New 500kV Line - Heritage to Morrisville (PJM ID: 2025-W1-48)
2. 993610 - Line 560 Rebuild - Possum Point to Burches Hill (PJM ID: 2025-W1-916)
3. 993599 - Line 568 Partial Rebuild - Ladysmith to Kraken (PJM ID: 2025-W1-24)
4. 993622 - New 500kV Line - Finneywood to Cunningham (PJM ID: 2025-W1-825)
5. Planning 01 - New 765/500kV Switching Station - Vontay (PJM ID: 2025-W1-247)
6. Planning 02 - Line 576 Partial Rebuild - North Anna to Vontay (PJM ID: 2025-W1-339)
7. Planning 04 - Line 539 Rebuild - Yeat to Ox (PJM ID: 2025-W1-117))
8. 993592 - Line 567 Terminal Upgrade - Chickahominy to Surry (PJM ID: 2025-W1-126)
9. 993593 - New 500 kV Line Morrisville – Cunningham (PJM ID: 2025-W1-409)
10. Total Cost Breakdown

## Transmission Line Upgrade Component

|  |   |
|--|---|
| Component title                        | 993595 - New 500kV Line - Heritage to Morrisville (PJM ID: 2025-W1-48)                                |
| Project description                    | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Impacted transmission line             | N/A   |
| Point A                                | N/A   |
| Point B                                | N/A   |
| Point C                                |   |
| Terrain description                    | N/A   |
| Existing Line Physical Characteristics |   |
| Operating voltage                      | N/A   |
| Conductor size and type                | N/A   |
| Hardware plan description              | N/A   |
| Tower line characteristics             | N/A   |

## Proposed Line Characteristics

|   | Designed  | Operating         |
|---|---|-------------------|
| Voltage (kV)                                | 0.000000  | 0.000000          |
|   | Normal ratings  | Emergency ratings |
| Summer (MVA)                                | 0.000000  | 0.000000          |
| Winter (MVA)                                | 0.000000  | 0.000000          |
| Conductor size and type                     | N/A   |                   |
| Shield wire size and type                   | N/A   |                   |
| Rebuild line length                         | N/A   |                   |
| Rebuild portion description                 | N/A   |                   |
| Right of way                                | N/A   |                   |
| Construction responsibility                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Benefits/Comments                           | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Component Cost Details - In Current Year \$ |   |                   |
| Engineering & design                        | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Permitting / routing / siting               | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| ROW / land acquisition                      | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Materials & equipment                       | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Construction & commissioning                | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Construction management                     | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Overheads & miscellaneous costs             | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |

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|--|---|-------------------|
| Contingency                            | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Total component cost                   | \$ .00  |                   |
| Component cost (in-service year)       | \$ .00  |                   |
| Transmission Line Upgrade Component    |   |                   |
| Component title                        | 993610 - Line 560 Rebuild - Possum Point to Burches Hill (PJM ID: 2025-W1-916)                        |                   |
| Project description                    | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Impacted transmission line             | N/A   |                   |
| Point A                                | N/A   |                   |
| Point B                                | N/A   |                   |
| Point C                                |   |                   |
| Terrain description                    | N/A   |                   |
| Existing Line Physical Characteristics |   |                   |
| Operating voltage                      | N/A   |                   |
| Conductor size and type                | N/A   |                   |
| Hardware plan description              | N/A   |                   |
| Tower line characteristics             | N/A   |                   |
| Proposed Line Characteristics          |   |                   |
|  | Designed  | Operating         |
| Voltage (kV)                           | 0.000000  | 0.000000          |
|  | Normal ratings  | Emergency ratings |
| Summer (MVA)                           | 0.000000  | 0.000000          |

|   |   |          |
|---|---|----------|
| Winter (MVA)                                | 0.000000  | 0.000000 |
| Conductor size and type                     | N/A   |          |
| Shield wire size and type                   | N/A   |          |
| Rebuild line length                         | N/A   |          |
| Rebuild portion description                 | N/A   |          |
| Right of way                                | N/A   |          |
| Construction responsibility                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Benefits/Comments                           | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Component Cost Details - In Current Year \$ |   |          |
| Engineering & design                        | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Permitting / routing / siting               | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| ROW / land acquisition                      | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Materials & equipment                       | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Construction & commissioning                | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Construction management                     | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Overheads & miscellaneous costs             | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Contingency                                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Total component cost                        | \$.00   |          |
| Component cost (in-service year)            | \$.00   |          |
| Transmission Line Upgrade Component         |   |          |
| Component title                             | 993599 - Line 568 Partial Rebuild - Ladysmith to Kraken (PJM ID: 2025-W1-24)                          |          |
| Project description                         | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |

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|--|----------------|-------------------|
| Impacted transmission line             | N/A            |                   |
| Point A                                | N/A            |                   |
| Point B                                | N/A            |                   |
| Point C                                |                |                   |
| Terrain description                    | N/A            |                   |
| Existing Line Physical Characteristics |                |                   |
| Operating voltage                      | N/A            |                   |
| Conductor size and type                | N/A            |                   |
| Hardware plan description              | N/A            |                   |
| Tower line characteristics             | N/A            |                   |
| Proposed Line Characteristics          |                |                   |
|  | Designed       | Operating         |
| Voltage (kV)                           | 0.000000       | 0.000000          |
|  | Normal ratings | Emergency ratings |
| Summer (MVA)                           | 0.000000       | 0.000000          |
| Winter (MVA)                           | 0.000000       | 0.000000          |
| Conductor size and type                | N/A            |                   |
| Shield wire size and type              | N/A            |                   |
| Rebuild line length                    | N/A            |                   |
| Rebuild portion description            | N/A            |                   |
| Right of way                           | N/A            |                   |

|   |   |
|---|---|
| Construction responsibility                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Benefits/Comments                           | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Component Cost Details - In Current Year \$ |   |
| Engineering & design                        | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Permitting / routing / siting               | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| ROW / land acquisition                      | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Materials & equipment                       | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Construction & commissioning                | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Construction management                     | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Overheads & miscellaneous costs             | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Contingency                                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Total component cost                        | \$.00   |
| Component cost (in-service year)            | \$.00   |
| <b>Transmission Line Upgrade Component</b>  |   |
| Component title                             | 993622 - New 500kV Line - Finneywood to Cunningham (PJM ID: 2025-W1-825)                              |
| Project description                         | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Impacted transmission line                  | N/A   |
| Point A                                     | N/A   |
| Point B                                     | N/A   |
| Point C                                     |   |
| Terrain description                         | N/A   |

Existing Line Physical Characteristics

Operating voltage N/A

Conductor size and type N/A

Hardware plan description N/A

Tower line characteristics N/A

Proposed Line Characteristics

|              | Designed | Operating |
|--------------|----------|-----------|
| Voltage (kV) | 0.000000 | 0.000000  |

|              | Normal ratings | Emergency ratings |
|--------------|----------------|-------------------|
| Summer (MVA) | 0.000000       | 0.000000          |
| Winter (MVA) | 0.000000       | 0.000000          |

Conductor size and type N/A

Shield wire size and type N/A

Rebuild line length N/A

Rebuild portion description N/A

Right of way N/A

Construction responsibility The redacted information is proprietary to the Company; therefore, it is privileged and confidential.

Benefits/Comments The redacted information is proprietary to the Company; therefore, it is privileged and confidential.

Component Cost Details - In Current Year \$

Engineering & design The redacted information is proprietary to the Company; therefore, it is privileged and confidential.

Permitting / routing / siting The redacted information is proprietary to the Company; therefore, it is privileged and confidential.

ROW / land acquisition The redacted information is proprietary to the Company; therefore, it is privileged and confidential.



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|--|---|-----------|
| Materials & equipment                  | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |           |
| Construction & commissioning           | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |           |
| Construction management                | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |           |
| Overheads & miscellaneous costs        | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |           |
| Contingency                            | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |           |
| Total component cost                   | \$ .00  |           |
| Component cost (in-service year)       | \$ .00  |           |
| Transmission Line Upgrade Component    |   |           |
| Component title                        | Planning 01 - New 765/500kV Switching Station - Vontay (PJM ID: 2025-W1-247)                          |           |
| Project description                    | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |           |
| Impacted transmission line             | N/A   |           |
| Point A                                | N/A   |           |
| Point B                                | N/A   |           |
| Point C                                |   |           |
| Terrain description                    | N/A   |           |
| Existing Line Physical Characteristics |   |           |
| Operating voltage                      | N/A   |           |
| Conductor size and type                | N/A   |           |
| Hardware plan description              | N/A   |           |
| Tower line characteristics             | N/A   |           |
| Proposed Line Characteristics          |   |           |
|  | Designed  | Operating |

|   |   |                   |
|---|---|-------------------|
| Voltage (kV)                                | 0.000000  | 0.000000          |
|   | Normal ratings  | Emergency ratings |
| Summer (MVA)                                | 0.000000  | 0.000000          |
| Winter (MVA)                                | 0.000000  | 0.000000          |
| Conductor size and type                     | N/A   |                   |
| Shield wire size and type                   | N/A   |                   |
| Rebuild line length                         | N/A   |                   |
| Rebuild portion description                 | N/A   |                   |
| Right of way                                | N/A   |                   |
| Construction responsibility                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Benefits/Comments                           | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Component Cost Details - In Current Year \$ |   |                   |
| Engineering & design                        | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Permitting / routing / siting               | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| ROW / land acquisition                      | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Materials & equipment                       | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Construction & commissioning                | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Construction management                     | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Overheads & miscellaneous costs             | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Contingency                                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Total component cost                        | \$.00   |                   |
| Component cost (in-service year)            | \$.00   |                   |

## Transmission Line Upgrade Component

|  |   |                   |
|--|---|-------------------|
| Component title                        | Planning 02 - Line 576 Partial Rebuild - North Anna to Vontay (PJM ID: 2025-W1-339)                   |                   |
| Project description                    | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Impacted transmission line             | N/A   |                   |
| Point A                                | N/A   |                   |
| Point B                                | N/A   |                   |
| Point C                                |   |                   |
| Terrain description                    | N/A   |                   |
| Existing Line Physical Characteristics |   |                   |
| Operating voltage                      | N/A   |                   |
| Conductor size and type                | N/A   |                   |
| Hardware plan description              | N/A   |                   |
| Tower line characteristics             | N/A   |                   |
| Proposed Line Characteristics          |   |                   |
|  | Designed  | Operating         |
| Voltage (kV)                           | 0.000000  | 0.000000          |
|  | Normal ratings  | Emergency ratings |
| Summer (MVA)                           | 0.000000  | 0.000000          |
| Winter (MVA)                           | 0.000000  | 0.000000          |
| Conductor size and type                | N/A   |                   |
| Shield wire size and type              | N/A   |                   |

|   |   |
|---|---|
| Rebuild line length                         | N/A   |
| Rebuild portion description                 | N/A   |
| Right of way                                | N/A   |
| Construction responsibility                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Benefits/Comments                           | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Component Cost Details - In Current Year \$ |   |
| Engineering & design                        | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Permitting / routing / siting               | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| ROW / land acquisition                      | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Materials & equipment                       | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Construction & commissioning                | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Construction management                     | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Overheads & miscellaneous costs             | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Contingency                                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Total component cost                        | \$.00   |
| Component cost (in-service year)            | \$.00   |
| <b>Transmission Line Upgrade Component</b>  |   |
| Component title                             | Planning 04 - Line 539 Rebuild - Yeat to Ox (PJM ID: 2025-W1-117))                                    |
| Project description                         | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Impacted transmission line                  | N/A   |
| Point A                                     | N/A   |
| Point B                                     | N/A   |

|   |   |                   |
|---|---|-------------------|
| Point C                                     |   |                   |
| Terrain description                         | N/A   |                   |
| Existing Line Physical Characteristics      |   |                   |
| Operating voltage                           | N/A   |                   |
| Conductor size and type                     | N/A   |                   |
| Hardware plan description                   | N/A   |                   |
| Tower line characteristics                  | N/A   |                   |
| Proposed Line Characteristics               |   |                   |
|   | Designed  | Operating         |
| Voltage (kV)                                | 0.000000  | 0.000000          |
|   | Normal ratings  | Emergency ratings |
| Summer (MVA)                                | 0.000000  | 0.000000          |
| Winter (MVA)                                | 0.000000  | 0.000000          |
| Conductor size and type                     | N/A   |                   |
| Shield wire size and type                   | N/A   |                   |
| Rebuild line length                         | N/A   |                   |
| Rebuild portion description                 | N/A   |                   |
| Right of way                                | N/A   |                   |
| Construction responsibility                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Benefits/Comments                           | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Component Cost Details - In Current Year \$ |   |                   |
| Engineering & design                        | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |

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|---|---|
| Permitting / routing / siting                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| ROW / land acquisition                        | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Materials & equipment                         | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Construction & commissioning                  | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Construction management                       | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Overheads & miscellaneous costs               | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Contingency                                   | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Total component cost                          | \$.00   |
| Component cost (in-service year)              | \$.00   |
| <b>Transmission Line Upgrade Component</b>    |   |
| Component title                               | 993592 - Line 567 Terminal Upgrade - Chickahominy to Surry (PJM ID: 2025-W1-126)                      |
| Project description                           | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Impacted transmission line                    | N/A   |
| Point A                                       | N/A   |
| Point B                                       | N/A   |
| Point C                                       |   |
| Terrain description                           | N/A   |
| <b>Existing Line Physical Characteristics</b> |   |
| Operating voltage                             | N/A   |
| Conductor size and type                       | N/A   |
| Hardware plan description                     | N/A   |
| Tower line characteristics                    | N/A   |

## Proposed Line Characteristics

|   | Designed  | Operating         |
|---|---|-------------------|
| Voltage (kV)                                | 0.000000  | 0.000000          |
|   | Normal ratings  | Emergency ratings |
| Summer (MVA)                                | 0.000000  | 0.000000          |
| Winter (MVA)                                | 0.000000  | 0.000000          |
| Conductor size and type                     | N/A   |                   |
| Shield wire size and type                   | N/A   |                   |
| Rebuild line length                         | N/A   |                   |
| Rebuild portion description                 | N/A   |                   |
| Right of way                                | N/A   |                   |
| Construction responsibility                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Benefits/Comments                           | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Component Cost Details - In Current Year \$ |   |                   |
| Engineering & design                        | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Permitting / routing / siting               | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| ROW / land acquisition                      | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Materials & equipment                       | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Construction & commissioning                | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Construction management                     | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Overheads & miscellaneous costs             | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |

|  |   |                   |
|--|---|-------------------|
| Contingency                            | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Total component cost                   | \$ .00  |                   |
| Component cost (in-service year)       | \$ .00  |                   |
| Transmission Line Upgrade Component    |   |                   |
| Component title                        | 993593 - New 500 kV Line Morrisville – Cunningham (PJM ID: 2025-W1-409)                               |                   |
| Project description                    | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |                   |
| Impacted transmission line             | N/A   |                   |
| Point A                                | N/A   |                   |
| Point B                                | N/A   |                   |
| Point C                                |   |                   |
| Terrain description                    | N/A   |                   |
| Existing Line Physical Characteristics |   |                   |
| Operating voltage                      | N/A   |                   |
| Conductor size and type                | N/A   |                   |
| Hardware plan description              | N/A   |                   |
| Tower line characteristics             | N/A   |                   |
| Proposed Line Characteristics          |   |                   |
|  | Designed  | Operating         |
| Voltage (kV)                           | 0.000000  | 0.000000          |
|  | Normal ratings  | Emergency ratings |
| Summer (MVA)                           | 0.000000  | 0.000000          |



|   |   |          |
|---|---|----------|
| Winter (MVA)                                | 0.000000  | 0.000000 |
| Conductor size and type                     | N/A   |          |
| Shield wire size and type                   | N/A   |          |
| Rebuild line length                         | N/A   |          |
| Rebuild portion description                 | N/A   |          |
| Right of way                                | N/A   |          |
| Construction responsibility                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Benefits/Comments                           | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Component Cost Details - In Current Year \$ |   |          |
| Engineering & design                        | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Permitting / routing / siting               | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| ROW / land acquisition                      | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Materials & equipment                       | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Construction & commissioning                | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Construction management                     | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Overheads & miscellaneous costs             | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Contingency                                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |
| Total component cost                        | \$ .00  |          |
| Component cost (in-service year)            | \$ .00  |          |
| Transmission Line Upgrade Component         |   |          |
| Component title                             | Total Cost Breakdown  |          |
| Project description                         | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |          |

|  |                |                   |
|--|----------------|-------------------|
| Impacted transmission line             | N/A            |                   |
| Point A                                | N/A            |                   |
| Point B                                | N/A            |                   |
| Point C                                |                |                   |
| Terrain description                    | N/A            |                   |
| Existing Line Physical Characteristics |                |                   |
| Operating voltage                      | N/A            |                   |
| Conductor size and type                | N/A            |                   |
| Hardware plan description              | N/A            |                   |
| Tower line characteristics             | N/A            |                   |
| Proposed Line Characteristics          |                |                   |
|  | Designed       | Operating         |
| Voltage (kV)                           | 0.000000       | 0.000000          |
|  | Normal ratings | Emergency ratings |
| Summer (MVA)                           | 0.000000       | 0.000000          |
| Winter (MVA)                           | 0.000000       | 0.000000          |
| Conductor size and type                | N/A            |                   |
| Shield wire size and type              | N/A            |                   |
| Rebuild line length                    | N/A            |                   |
| Rebuild portion description            | N/A            |                   |
| Right of way                           | N/A            |                   |

|   |   |
|---|---|
| Construction responsibility                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Benefits/Comments                           | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Component Cost Details - In Current Year \$ |   |
| Engineering & design                        | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Permitting / routing / siting               | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| ROW / land acquisition                      | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Materials & equipment                       | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Construction & commissioning                | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Construction management                     | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Overheads & miscellaneous costs             | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Contingency                                 | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |
| Total component cost                        | \$2,349,256,319.00  |
| Component cost (in-service year)            | \$2,516,053,518.00  |

## Congestion Drivers

None

## Existing Flowgates

| FG #             | Fr Bus No. | From Bus Name | To Bus No. | To Bus Name | CKT | Voltage | TO Zone | Analysis type                  | Status   |
|------------------|------------|---------------|------------|-------------|-----|---------|---------|--------------------------------|----------|
| 2025W1-32GD-S64  | 314936     | 8RAWLINGS     | 314902     | 8CARSON     | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S65  | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL32 | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL33 | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S66  | 314911     | 8LADYSMITH    | 313483     | 8KRAKEN     | 1   | 500     | 345     | 2032 Generation Deliverability | Included |

| FG #              | Fr Bus No. | From Bus Name | To Bus No. | To Bus Name | CKT | Voltage | TO Zone | Analysis type                         | Status   |
|-------------------|------------|---------------|------------|-------------|-----|---------|---------|---------------------------------------|----------|
| 2025W1-32GD-S67   | 314911     | 8LADYSMITH    | 313483     | 8KRAKEN     | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S100  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S60   | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S61   | 314911     | 8LADYSMITH    | 313483     | 8KRAKEN     | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S62   | 314934     | 8SPOTSYL      | 314916     | 8MORRSVL    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S63   | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S109  | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S106  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S107  | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S108  | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S101  | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL35  | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S68   | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S69   | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S103  | 314934     | 8SPOTSYL      | 314916     | 8MORRSVL    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S104  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL42  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S75   | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S1NEW | 941030     | AE2-094 TAP   | 314902     | 8CARSON     | 1   | 500     | 345     | Summer 2032 Generation Deliverability | Excluded |
| 2025W1-32GD-S76   | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S77   | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S110  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S111  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S78   | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL45  | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S71   | 314934     | 8SPOTSYL      | 314916     | 8MORRSVL    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S72   | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S73   | 314934     | 8SPOTSYL      | 314916     | 8MORRSVL    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |

| FG #              | Fr Bus No. | From Bus Name | To Bus No. | To Bus Name | CKT | Voltage | TO Zone | Analysis type                         | Status   |
|-------------------|------------|---------------|------------|-------------|-----|---------|---------|---------------------------------------|----------|
| 2025W1-32GD-S74   | 314934     | 8SPOTSYL      | 314916     | 8MORRSVL    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S7NEW | 941030     | AE2-094 TAP   | 314902     | 8CARSON     | 1   | 500     | 345     | Summer 2032 Generation Deliverability | Excluded |
| 2025W1-32GD-S70   | 314911     | 8LADYSMITH    | 313483     | 8KRAKEN     | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S6NEW | 941030     | AE2-094 TAP   | 314902     | 8CARSON     | 1   | 500     | 345     | Summer 2032 Generation Deliverability | Excluded |
| 2025W1-32GD-S5NEW | 941030     | AE2-094 TAP   | 314902     | 8CARSON     | 1   | 500     | 345     | Summer 2032 Generation Deliverability | Excluded |
| 2025W1-32GD-S4NEW | 941030     | AE2-094 TAP   | 314902     | 8CARSON     | 1   | 500     | 345     | Summer 2032 Generation Deliverability | Excluded |
| 2025W1-32GD-S3NEW | 289543     | 05YEAT        | 314919     | 8OX         | 1   | 500     | 345     | Summer 2032 Generation Deliverability | Excluded |
| 2025W1-32GD-S2NEW | 289543     | 05YEAT        | 314919     | 8OX         | 1   | 500     | 345     | Summer 2032 Generation Deliverability | Excluded |
| 2025W1-32GD-LL50  | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S117  | 314924     | 8SURREY       | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL51  | 314924     | 8SURREY       | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S119  | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S79   | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S112  | 314911     | 8LADYSMITH    | 313483     | 8KRAKEN     | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL47  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S113  | 314918     | 8NO ANNA      | 314934     | 8SPOTSYL    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL48  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S114  | 314934     | 8SPOTSYL      | 314916     | 8MORRSVL    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S115  | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL49  | 314924     | 8SURREY       | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S42   | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S43   | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S44   | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S45   | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL12  | 314924     | 8SURREY       | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL21  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S87   | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S89   | 970672     | AG2-436 TP    | 941030     | AE2-094 TAP | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |

| FG #             | Fr Bus No. | From Bus Name | To Bus No. | To Bus Name | CKT | Voltage | TO Zone | Analysis type                  | Status   |
|------------------|------------|---------------|------------|-------------|-----|---------|---------|--------------------------------|----------|
| 2025W1-32GD-S83  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S84  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL19 | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S85  | 314936     | 8RAWLINGS     | 314902     | 8CARSON     | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S86  | 314918     | 8NO ANNA      | 314934     | 8SPOTSYL    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL20 | 314924     | 8SURREY       | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S46  | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL13 | 314924     | 8SURREY       | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL14 | 314924     | 8SURREY       | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S48  | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL15 | 314924     | 8SURREY       | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S49  | 314911     | 8LADYSMITH    | 313483     | 8KRAKEN     | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL16 | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S82  | 314934     | 8SPOTSYL      | 314916     | 8MORRSVL    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL22 | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S56  | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL23 | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S50  | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S51  | 314918     | 8NO ANNA      | 314934     | 8SPOTSYL    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S98  | 314936     | 8RAWLINGS     | 314902     | 8CARSON     | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S99  | 314924     | 8SURREY       | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S94  | 314918     | 8NO ANNA      | 314934     | 8SPOTSYL    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL28 | 314924     | 8SURREY       | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S95  | 314924     | 8SURREY       | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL29 | 314924     | 8SURREY       | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S96  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL30 | 314923     | 8SEPTA        | 314924     | 8SURREY     | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S97  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |

| FG #             | Fr Bus No. | From Bus Name | To Bus No. | To Bus Name | CKT | Voltage | TO Zone | Analysis type                  | Status   |
|------------------|------------|---------------|------------|-------------|-----|---------|---------|--------------------------------|----------|
| 2025W1-32GD-LL31 | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S57  | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL24 | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S90  | 314934     | 8SPOTSYL      | 314916     | 8MORRSVL    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S58  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S91  | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL25 | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S92  | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S59  | 314918     | 8NO ANNA      | 314934     | 8SPOTSYL    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL26 | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL27 | 314923     | 8SEPTA        | 314924     | 8SURRY      | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S93  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S20  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S21  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S143 | 314918     | 8NO ANNA      | 314934     | 8SPOTSYL    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S22  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S23  | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL1  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S28  | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S149 | 314936     | 8RAWLINGS     | 314902     | 8CARSON     | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S29  | 314911     | 8LADYSMITH    | 313483     | 8KRAKEN     | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S24  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S145 | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S25  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S26  | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S27  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S152 | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S31  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |

| FG #              | Fr Bus No. | From Bus Name | To Bus No. | To Bus Name | CKT | Voltage | TO Zone | Analysis type                         | Status   |
|-------------------|------------|---------------|------------|-------------|-----|---------|---------|---------------------------------------|----------|
| 2025W1-32GD-S32   | 314911     | 8LADYSMITH    | 313483     | 8KRAKEN     | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S153  | 314918     | 8NO ANNA      | 314934     | 8SPOTSYL    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S33   | 314934     | 8SPOTSYL      | 314916     | 8MORRSVL    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S30   | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL10  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL11  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL6   | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL9   | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL2   | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S35   | 314911     | 8LADYSMITH    | 313483     | 8KRAKEN     | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL3   | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S37   | 314934     | 8SPOTSYL      | 314916     | 8MORRSVL    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL4   | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL5   | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL63  | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | Generation Deliverability             | Included |
| 2025W1-32GD-LL53  | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S120  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL54  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S121  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL55  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S1    | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S122  | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL56  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-S8NEW | 314923     | 8SEPTA        | 314924     | 8SURRY      | 1   | 500     | 345     | Summer 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL52  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability        | Included |
| 2025W1-32GD-LL68  | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | Generation Deliverability             | Included |
| 2025W1-32GD-LL67  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | Generation Deliverability             | Included |
| 2025W1-32GD-LL66  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | Generation Deliverability             | Included |



| FG #             | Fr Bus No. | From Bus Name | To Bus No. | To Bus Name | CKT | Voltage | TO Zone | Analysis type                  | Status   |
|------------------|------------|---------------|------------|-------------|-----|---------|---------|--------------------------------|----------|
| 2025W1-32GD-LL65 | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | Generation Deliverability      | Included |
| 2025W1-32GD-LL64 | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | Generation Deliverability      | Included |
| 2025W1-32GD-LL61 | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S6   | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S127 | 314918     | 8NO ANNA      | 314934     | 8SPOTSYL    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S7   | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S8   | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S9   | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S123 | 314911     | 8LADYSMITH    | 313483     | 8KRAKEN     | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL57 | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL58 | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S124 | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S3   | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL59 | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S125 | 314934     | 8SPOTSYL      | 314916     | 8MORRSVL    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S5   | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S126 | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL60 | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL74 | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | Generation Deliverability      | Included |
| 2025W1-32GD-S130 | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S10  | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S131 | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL73 | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | Generation Deliverability      | Included |
| 2025W1-32GD-S11  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S132 | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL72 | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | Generation Deliverability      | Included |
| 2025W1-32GD-S133 | 314914     | 8MDLTHAN      | 314918     | 8NO ANNA    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S12  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |

| FG #             | Fr Bus No. | From Bus Name | To Bus No. | To Bus Name | CKT | Voltage | TO Zone | Analysis type                  | Status   |
|------------------|------------|---------------|------------|-------------|-----|---------|---------|--------------------------------|----------|
| 2025W1-32GD-LL71 | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | Generation Deliverability      | Included |
| 2025W1-32GD-LL70 | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | Generation Deliverability      | Included |
| 2025W1-32GD-LL69 | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | Generation Deliverability      | Included |
| 2025W1-32GD-LL62 | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-LL76 | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | Generation Deliverability      | Included |
| 2025W1-32GD-LL75 | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | Generation Deliverability      | Included |
| 2025W1-32GD-S17  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S138 | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S18  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S19  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S134 | 314936     | 8RAWLINGS     | 314902     | 8CARSON     | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S13  | 314924     | 8SURRY        | 314903     | 8CHCKAHM    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S14  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S135 | 314936     | 8RAWLINGS     | 314902     | 8CARSON     | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S15  | 314902     | 8CARSON       | 314914     | 8MDLTHAN    | 1   | 500     | 345     | 2032 Generation Deliverability | Included |
| 2025W1-32GD-S16  | 314908     | 8ELMONT       | 314911     | 8LADYSMITH  | 1   | 500     | 345     | 2032 Generation Deliverability | Included |

## New Flowgates

The redacted information is proprietary to the Company; therefore, it is privileged and confidential.

## Financial Information

Capital spend start date 01/2026

Construction start date 06/2029

Project Duration (In Months) 77

## Cost Containment Commitment

Cost cap (in current year) The redacted information is proprietary to the Company; therefore, it is privileged and confidential.

Cost cap (in-service year)

The redacted information is proprietary to the Company; therefore, it is privileged and confidential.

### Components covered by cost containment

1. 993595 - New 500kV Line - Heritage to Morrisville (PJM ID: 2025-W1-48) - Dominion
2. 993610 - Line 560 Rebuild - Possum Point to Burches Hill (PJM ID: 2025-W1-916) - Dominion
3. 993599 - Line 568 Partial Rebuild - Ladysmith to Kraken (PJM ID: 2025-W1-24) - Dominion
4. 993622 - New 500kV Line - Finneywood to Cunningham (PJM ID: 2025-W1-825) - Dominion
5. Planning 01 - New 765/500kV Switching Station - Vontay (PJM ID: 2025-W1-247) - Dominion
6. Planning 02 - Line 576 Partial Rebuild - North Anna to Vontay (PJM ID: 2025-W1-339) - Dominion
7. Planning 04 - Line 539 Rebuild - Yeat to Ox (PJM ID: 2025-W1-117)) - Dominion
8. 993592 - Line 567 Terminal Upgrade - Chickahominy to Surry (PJM ID: 2025-W1-126) - Dominion
9. 993593 - New 500 kV Line Morrisville – Cunningham (PJM ID: 2025-W1-409) - Dominion
10. Total Cost Breakdown - Dominion

### Cost elements covered by cost containment

|                                 |     |
|---------------------------------|-----|
| Engineering & design            | Yes |
| Permitting / routing / siting   | No  |
| ROW / land acquisition          | No  |
| Materials & equipment           | No  |
| Construction & commissioning    | No  |
| Construction management         | No  |
| Overheads & miscellaneous costs | No  |
| Taxes                           | No  |
| AFUDC                           | No  |
| Escalation                      | No  |

Additional Information

The redacted information is proprietary to the Company; therefore, it is privileged and confidential.

|   |   |
|---|---|
| Is the proposer offering a binding cap on ROE?  | Yes   |
| Would this ROE cap apply to the determination of AFUDC?   | Yes   |
| Would the proposer seek to increase the proposed ROE if FERC finds that a higher ROE would not be unreasonable? | No  |
| Is the proposer offering a Debt to Equity Ratio cap?  | The redacted information is proprietary to the Company; therefore, it is privileged and confidential. |

## Additional Comments

None